

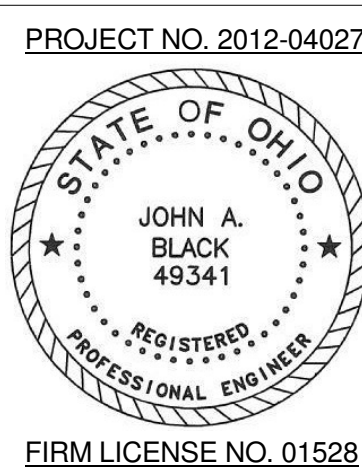
A REFER TO 147-M001 FOR LEGEND, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.

B COORDINATE ALL BOILER SHUTDOWNS CLOSELY WITH THE C.O.R. TEMPORARY BREACHING REQUIRED TO ALLOW REMOVAL OF EXISTING STACK ECONOMIZER DURING BOILER OPERATION. COORDINATE CHANGEOVER DATE/TIME AND ANTICIPATED DOWN TIME WELL IN ADVANCE. ALL COMPLETE PLANT SHUTDOWNS SHALL TAKE PLACE DURING THE ANNUAL THREE DAY SUMMER BOILER PLANT SHUTDOWN.

- 1 EXISTING BOILER TO REMAIN.
- 2 EXISTING PIPING TO REMAIN.
- 3 EXISTING BREECING TO REMAIN.
- 4 NATURAL GAS SUPPLY PIPING TO BURNERS BELOW.
- 5 BOILER FEEDWATER PIPING FROM BELOW.
- 6 COMBUSTION AIR INTAKE DUCTWORK FROM ABOVE AND DOWN TO BELOW.
- 7 EXISTING BOILER FAN TO REMAIN.
- 8 EXISTING ROOF HATCH ABOVE, INCLUDE DIMENSIONS OF ROOF OPENING ARE 93.5" X 63.75".
UTILIZE HATCH FOR REMOVAL OF EXISTING STACK ECONOMIZER AND INSTALLATION OF
NEW ECONOMIZER. EXPECTED CLEARANCES BETWEEN ECONOMIZER AND OPENING ARE
VERY TIGHT. TAKE SPECIAL CARE IN REMOVAL AND INSTALLATION OF EQUIPMENT.
- 9 REMOVE STRUCTURAL MEMBERS, HANDRAILS, ETC. AS REQUIRED TO REMOVE AND
INSTALL EQUIPMENT. COORDINATE ALL REMOVAL OF BUILDING ITEMS WITH C.O.R.
- 10 EXISTING EXISTING PIPING BACK TO THIS POINT FOR RECONNECTION IN NEW WORK.
- 11 DISCONNECT ELECTRICAL CONTROL CONNECTIONS TO BYPASS ACTUATOR.
- 12 REMOVE EXISTING FLUE-GAS OUTLET TEMPERATURE SENSOR FOR RE-INSTALLATION IN
NEW WORK.
- 13 REMOVE EXISTING STACK ECONOMIZER AND ALL ASSOCIATED HANGERS, WIRING,
CONTROLS, ETC.
- 14 REMOVE EXISTING BREECING TO THIS POINT.
- 15 EXISTING FLUE-GAS INLET TEMPERATURE SENSOR TO REMAIN.
- 16 EXISTING WORKROOM TO ALLOW INSTALLATION OF TEMPORARY BREECING. STORE WINDOW
IN A SAFE LOCATION. COORDINATE EXACT LOCATION WITH C.O.R.
- 17 REMOVE EXISTING MOTOR FOR REPLACEMENT IN NEW WORK.
- 18 PROVIDE NEW 4" ECONOMIZER SUPPLY AND RETURN GATE VALVES.
- 19 PROVIDE NEW 6" FEEDWATER BYPASS GLOBE VALVES.

[illegible]

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title

SECOND FLOOR - REMOVALS

Approved: CHIEF ENGINEER

Project Title

Modernize Boiler Plant B-147

Location

Dayton, Ohio

Date

☐ Checked

Drawn

Project No.

VA Project No. 552-13-305
Heapy Project No. 2012-0402

147

Drawing Number

147-MD102

Dan ...

Office of
Construction
and Facilities
Management



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